

Mineral Site CR-06: West extension to Hatford Quarry

District: Vale of White Horse DC  
Parish: Hatford CP

Total Area: 13.57 Ha

	Ha	%
Area in Flood Zone 1	13.57	100
Area in Flood Zone 2	0.00	0
Area in Flood Zone 3a with Climate Change	0.00	0
Area in Flood Zone 3a	0.00	0
Area in Flood Zone 3b	0.00	0

**MAIN RIVER**  
The Frogmore Brook flows west to east approximately 0.2km south of the site. This watercourse is a tributary of the River Ock, and meets the River Ock in Stanford in the Vale.  
The Gainfield Brook flows from east to west approximately 0.3km to the east of the site.

**FLOOD RECORDS**  
There are records of a property on the edge of Stanford in the Vale experiencing fluvial flooding from the Frogmore Brook.  
There are records of flooding from the Gainfield Brook to the east of the site.

Modelling of the 1 in 100 year storm event as part of the SODC & VVHDC SFRA identifies parts Stanford in the Vale to be at risk of surface water flooding.

Location Overview

**Legend**

- County/District Boundary
- Parish Boundary
- Minerals Site
- Canal
- Flood Zone 2
- Flood Zone 3a
- Flood Zone 3a + CC
- Flood Zone 3b
- EA Historic Flood Outline
- Flood Defences
- Flood Storage Areas
- July 2007 Flood Records
- Groundwater Flooding
- EA Main Rivers

**Sewer Flooding Incidents**

0 to 0
1 to 2
3 to 4
5 to 8
9 to 11

**Surface Water Flooding**  
1 in 100 year Max depth (m)

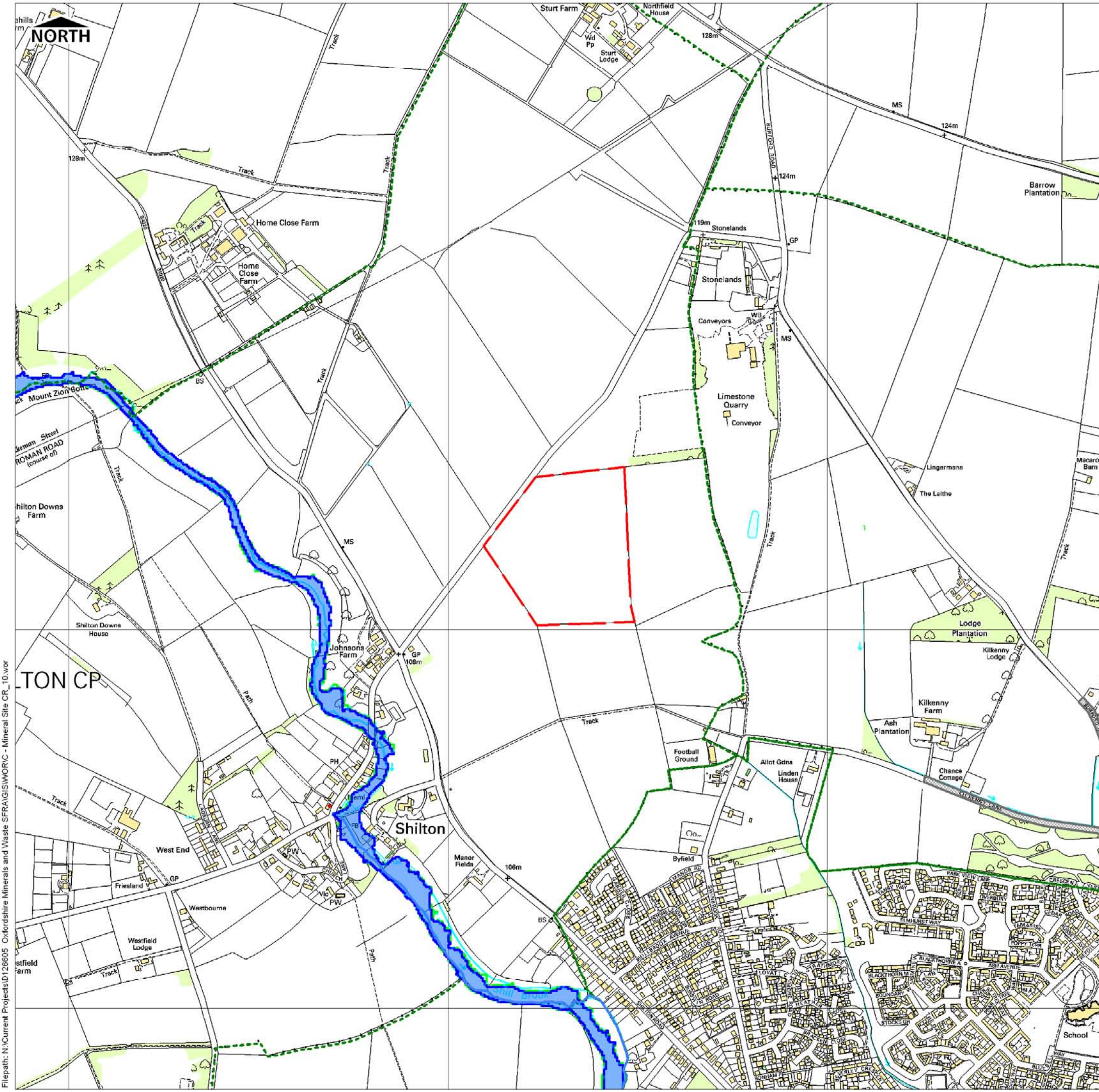
0.0 - 0.1	0.5 - 0.6
0.1 - 0.2	0.6 - 0.7
0.2 - 0.3	0.7 - 0.8
0.3 - 0.4	0.8 - 5.0
0.4 - 0.5	

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Drawing Number: **D126605 / CR-06**

Drawn: SL	Approved: EB	Date: 04/10	Scale @ A3: 1:10,000
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Scott Wilson  
6-8 Greencost Place  
London SW1P 1PL  
Tel +44 (0)20 7798 5000  
Fax +44 (0)20 7798 5001  
www.scotwilson.com



Mineral Site CR-10: Burford Quarry southwest extension

District: West Oxfordshire DC  
Parish: Shilton CP

Total Area: 12.39 Ha

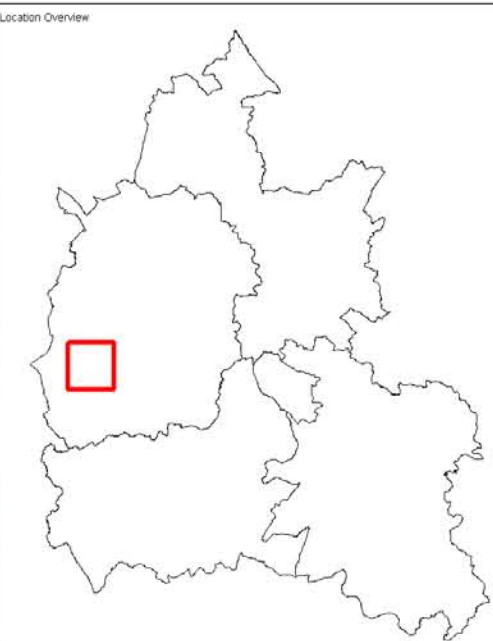
	Ha	%
Area in Flood Zone 1	12.39	100
Area in Flood Zone 2	0.00	0
Area in Flood Zone 3a with Climate Change	0.00	0
Area in Flood Zone 3a	0.00	0
Area in Flood Zone 3b	0.00	0

**MAIN RIVER**  
The Shill Brook flows north to south approximately 0.5km to the west of the site. The River Windrush flows west to east approximately 2.2km to the north of the site.

**FLOOD RECORDS**  
There are records of fluvial flooding from the River Windrush affecting approximately 10-15 properties in Asthall, north of the site.

Flooding as a result of drainage problems was recorded along Rurford Road and Kilkenny Lane just to the south east of the site, and affected a number of properties at Rocky Banks.

NB: the surface water modelling for the 1 in 100 year storm has only been undertaken for SODC and VVHDC as part of their combined SFRA.



- Legend**
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  - Parish Boundary
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  - Canal
  - Flood Zone 2
  - Flood Zone 3a
  - Flood Zone 3a + CC
  - Flood Zone 3b
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  - EA Main Rivers

**Sewer Flooding Incidents**

0 to 0
1 to 2
3 to 4
5 to 8
9 to 11

**Surface Water Flooding**  
1 in 100 year Max depth (m)

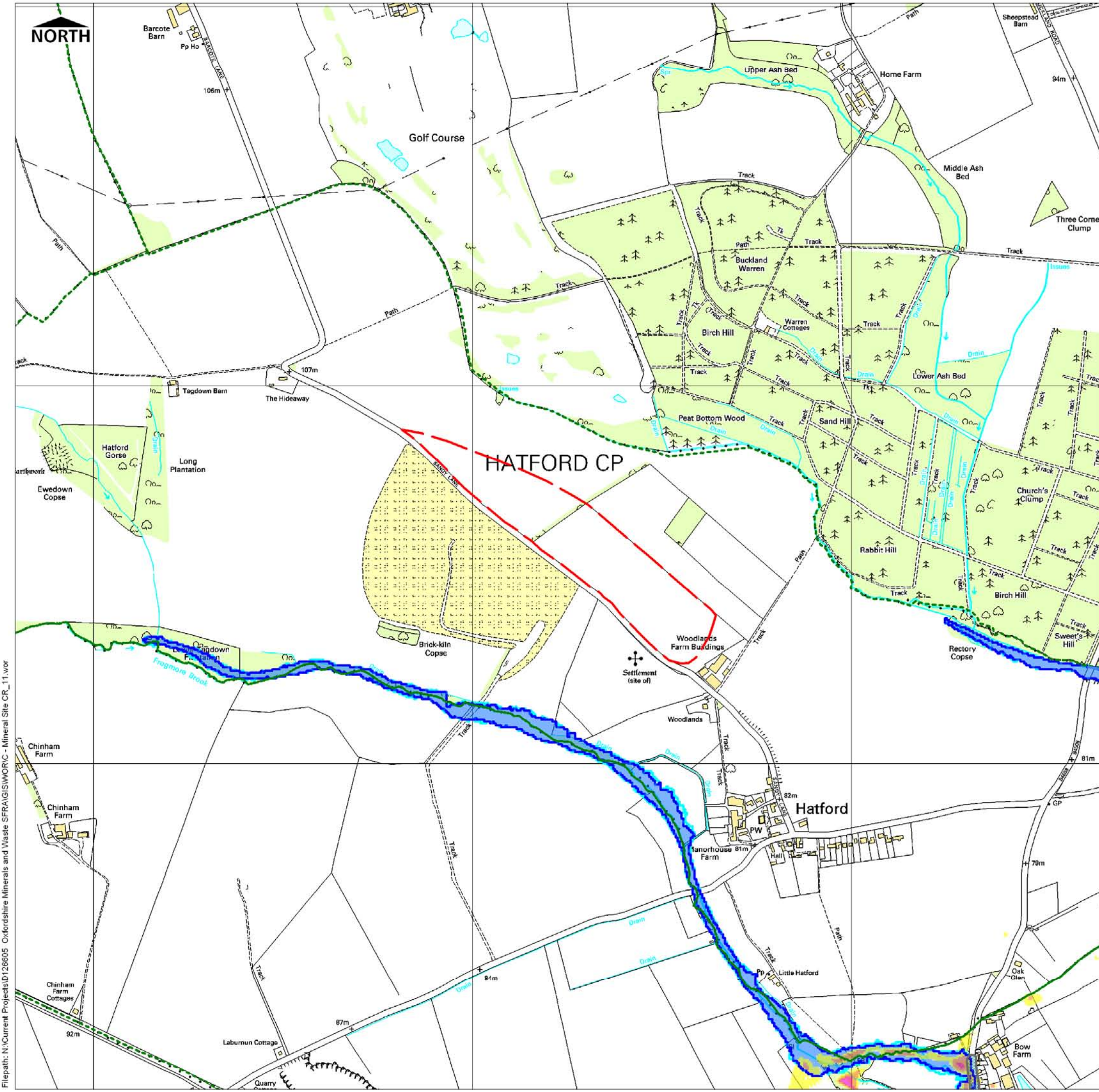
0.0 - 0.1
0.1 - 0.2
0.2 - 0.3
0.3 - 0.4
0.4 - 0.5
0.5 - 0.6
0.6 - 0.7
0.7 - 0.8
0.8 - 5.0

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Scott Wilson  
6-8 Greencoast Place  
London SW1P 1PL  
Tel +44 (0)20 7798 5000  
Fax +44 (0)20 7798 5001  
www.scotwilson.com



Mineral Site CR-11: North extension to Hatford Quarry

District: Vale of White Horse DC  
Parish: Hatford CP

Total Area: 12.91 Ha

	Ha	%
Area in Flood Zone 1	12.91	100
Area in Flood Zone 2	0.00	0
Area in Flood Zone 3a with Climate Change	0.00	0
Area in Flood Zone 3a	0.00	0
Area in Flood Zone 3b	0.00	0

**MAIN RIVER**  
The Frogmore Brook flows west to east approximately 0.4km south of the site. This watercourse is a tributary of the River Ock, and meets the River Ock in Stanford in the Vale.

The Gainfield Brook flows from east to west approximately 0.25km to the east of the site.

**FLOOD RECORDS**  
There are records of a property on the edge of Stanford in the Vale experiencing fluvial flooding from the Frogmore Brook.

There are records of flooding from the Gainfield Brook to the east of the site.

Modelling of the 1 in 100 year storm event as part of the SODC & VVHDC SFRA identifies parts Stanford in the Vale to be at risk of surface water flooding.



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**Sewer Flooding Incidents**

0 to 0
1 to 2
3 to 4
5 to 8
9 to 11

**Surface Water Flooding**  
1 in 100 year Max depth (m)

0.0 - 0.1
0.1 - 0.2
0.2 - 0.3
0.3 - 0.4
0.4 - 0.5
0.5 - 0.6
0.6 - 0.7
0.7 - 0.8
0.8 - 5.0

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Drawn	Approved	Date	Scale @ A3
SL	EB	04/10	1:10,000

South Oxfordshire District Council  
Oxfordshire County Council  
Vale of White Horse District Council  
Oxford City Council  
Cherwell District Council  
West Oxfordshire District Council

Scott Wilson  
6-8 Greencost Place  
London SW1P 1PL  
Tel +44 (0)20 7798 5000  
Fax +44 (0)20 7798 5001  
www.scotwilson.com